Store at 4°C

#7011

0.5 M EDTA, pH 8.0

5 ml (5 x 1 ml)

www.cellsignal.com

Support: 877-678-TECH (8324)
www.cellsignal.com/support

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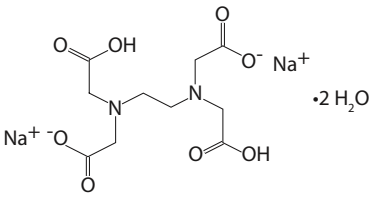
For Research Use Only. Not For Use In Diagnostic Procedures.

Description: EDTA (Ethylenediaminetetraacetic acid) is a common laboratory chelating agent of divalent cations, such as Ca^{2+} and Mg^{2+}. Ultrapure 0.5 M EDTA, pH 8.0 from Cell Signaling Technology contains no detectable DNase, RNase, or protease activity. The convenient 1 ml vials reduce the likelihood of contamination that can occur with larger volume containers. It is suitable for use in molecular biology or protein biochemistry applications that require the chelation of divalent metal cations.

This product is used in our SimpleChip® chromatin immunoprecipitation (ChIP) assays to stop the metal-dependant enzymatic digestion of cross-linked DNA by micrococcal nuclease once the reaction is complete. It can be added to cell lysis buffers for use as a metalloprotease inhibitor. Working concentrations are typically 1-5 mM in this application.

Molecular Formula: $C_{10}H_{14}N_2O_8Na_2 \bullet 2H_2O$



Storage: Store at 4°C. This product is stable for 24 months.

Directions for Use: This product is supplied ready to use.

Thank you for your recent purchase. If you would like to provide a review visit www.cellsignal.com/comments.

Cell Signaling TECHNOLOGY®

Applications: **W**—Western **IP**—Immunoprecipitation **IHC**—Immunohistochemistry **ChIP**—Chromatin Immunoprecipitation **IF**—Immunofluorescence **F**—Flow cytometry **E-P**—ELISA-Peptide **Species Cross-Reactivity:** **H**—human **M**—mouse **R**—rat **Hm**—hamster **Mk**—monkey **Mi**—mink **C**—chicken **Dm**—D. melanogaster **X**—Xenopus **Z**—zebrafish **B**—bovine **Dg**—dog **Pg**—pig **Sc**—S. cerevisiae **Ce**—C. elegans **Hr**—Horse **All**—all species expected Species enclosed in parentheses are predicted to react based on 100% homology.